

chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 25 26 29

ring nodes :

1 2 3 4 5 6

chain bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18 18-21 18-22 21-24 24-25 25-26 26-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 18-21 18-22 21-24 24-25 25-26 26-29

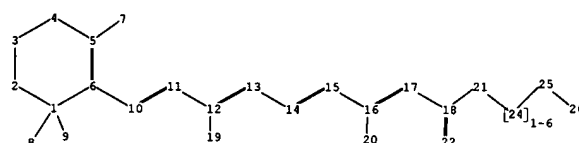
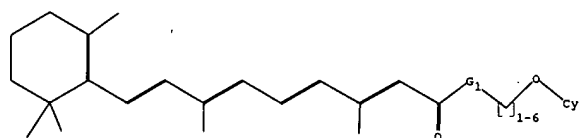
exact bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS
10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS
18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS24:CLASS25:CLASS26:Atom
29:Atom



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 25 26

ring nodes :

1 2 3 4 5 6

chain bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18 18-21 18-22 21-24 24-25 25-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 18-21 18-22 21-24 24-25 25-26

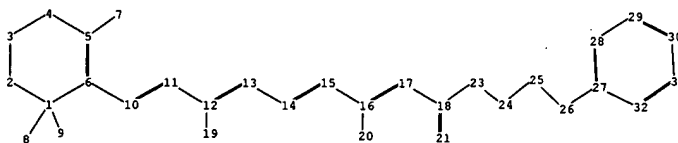
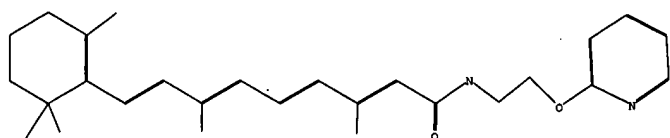
exact bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS
10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS
18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS24:CLASS25:CLASS26:Atom



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26

ring nodes :

1 2 3 4 5 6 27 28 29 30 31 32

chain bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18 18-21 18-23 23-24 24-25 25-26 26-27

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 27-28 27-32 28-29 29-30 30-31 31-32

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 18-21 18-23 23-24 25-26 26-27

exact bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18 24-25

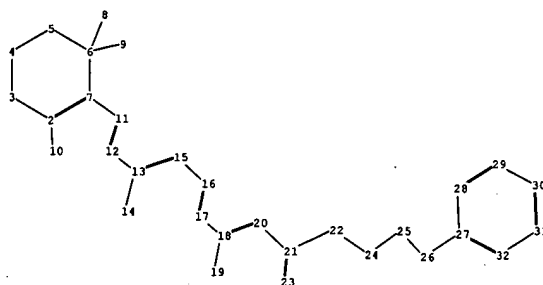
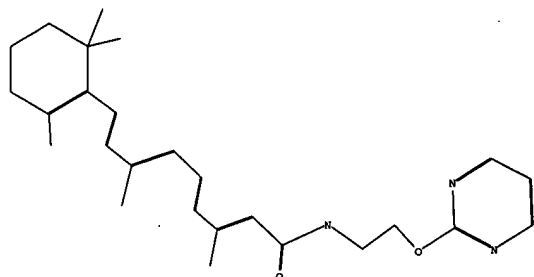
normalized bonds :

27-28 27-32 28-29 29-30 30-31 31-32

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS
10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS
18:CLASS19:CLASS20:CLASS21:CLASS23:CLASS24:CLASS25:CLASS26:CLASS
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom



chain nodes :

8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

ring nodes :

2 3 4 5 6 7 27 28 29 30 31 32

chain bonds :

2-10 6-8 6-9 7-11 11-12 12-13 13-14 13-15 15-16 16-17 17-18 18-19
18-20 20-21 21-22 21-23 22-24 24-25 25-26 26-27

ring bonds :

2-3 2-7 3-4 4-5 5-6 6-7 27-28 27-32 28-29 29-30 30-31 31-32

exact/norm bonds :

2-3 2-7 3-4 4-5 5-6 6-7 21-22 21-23 22-24 25-26 26-27

exact bonds :

2-10 6-8 6-9 7-11 11-12 12-13 13-14 13-15 15-16 16-17 17-18 18-19
18-20 20-21 24-25

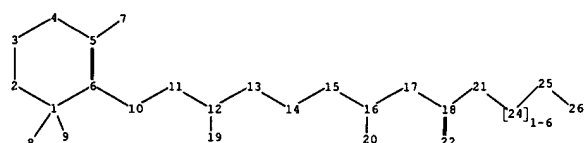
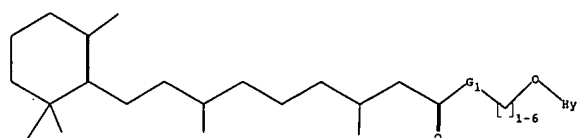
normalized bonds :

27-28 27-32 28-29 29-30 30-31 31-32

G1:O,N

Match level :

2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS9:CLASS10:CLASS
11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS18:CLASS
19:CLASS20:CLASS21:CLASS22:CLASS23:CLASS24:CLASS25:CLASS26:CLASS
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 25 26

ring nodes :

1 2 3 4 5 6

chain bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18 18-21 18-22 21-24 24-25 25-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 18-21 18-22 21-24 24-25 25-26

exact bonds :

1-8 1-9 5-7 6-10 10-11 11-12 12-13 12-19 13-14 14-15 15-16 16-17
16-20 17-18

G1:O,N

Match level :

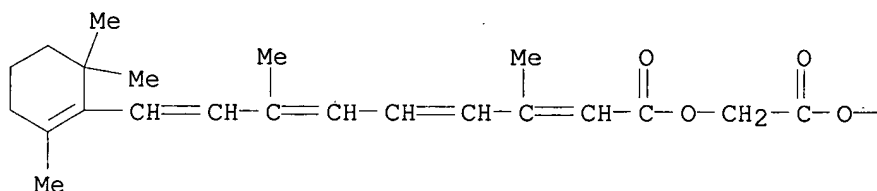
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10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS
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ANSWER 8 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1986:429791 CAPLUS
 DOCUMENT NUMBER: 105:29791
 TITLE: Substituted pyrimidine oxides useful for hair growth promotion
 INVENTOR(S): Bazzano, Gail Sansone
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

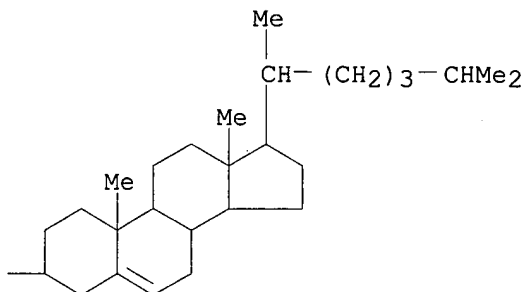
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8600616	A1	19860130	WO 1985-US1329	19850715
W: JP, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
EP 187854	A1	19860723	EP 1985-903903	19850715
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
PRIORITY APPLN. INFO.:			US 1984-630639	A2 19840713
			US 1985-727357	A 19850425

IT 65646-71-1 102389-61-7 102389-62-8
 102389-63-9 102389-64-0 102737-42-8
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (hair preps. containing pyrimidine oxides and, for promotion of hair growth)
 RN 65646-71-1 CAPLUS
 CN Retinoic acid, 2-[[(3β)-cholest-5-en-3-yl]oxy]-2-oxoethyl ester (9CI)
 (CA INDEX NAME)

PAGE 1-A



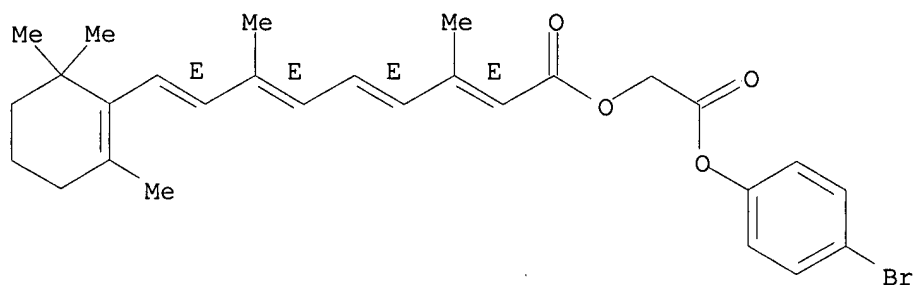
PAGE 1-B



RN 102389-61-7 CAPLUS

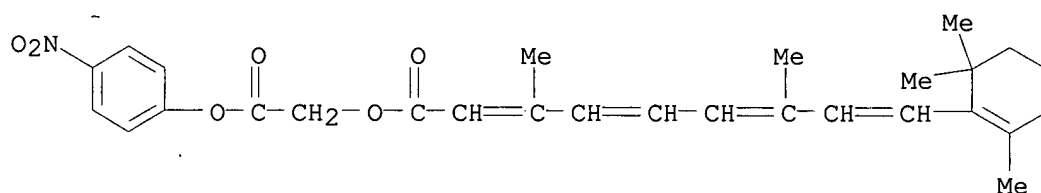
CN Retinoic acid, 2-(4-bromophenoxy)-2-oxoethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



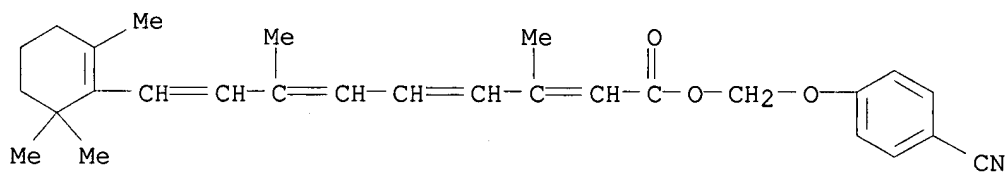
RN 102389-62-8 CAPLUS

CN Retinoic acid, 2-(4-nitrophenoxy)-2-oxoethyl ester (9CI) (CA INDEX NAME)



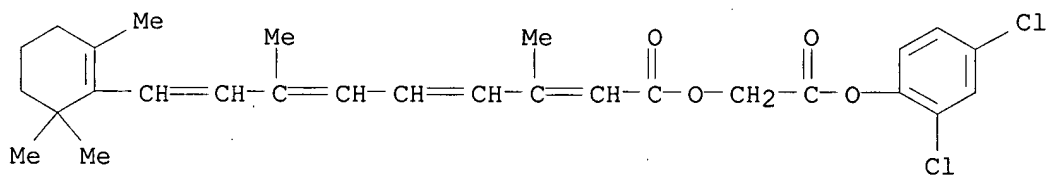
RN 102389-63-9 CAPLUS

CN Retinoic acid, (4-cyanophenoxy)methyl ester (9CI) (CA INDEX NAME)



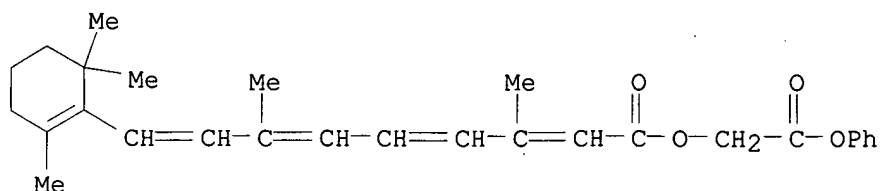
RN 102389-64-0 CAPLUS

CN Retinoic acid, 2-(2,4-dichlorophenoxy)-2-oxoethyl ester (9CI) (CA INDEX NAME)



RN 102737-42-8 CAPLUS

CN Retinoic acid, 2-oxo-2-phenoxyethyl ester (9CI) (CA INDEX NAME)



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L3 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1981:175331 CAPLUS
 DOCUMENT NUMBER: 94:175331
 TITLE: N-Hydroxypropylamides of all-E- and 13-Z-retinoic acids
 INVENTOR(S): Paust, Joachim; Nuerrenbach, Axel; Koenig, Horst
 PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.
 SOURCE: Ger. Offen., 21 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2843870	A1	19800424	DE 1978-2843870	19781007
EP 9776	A1	19800416	EP 1979-103682	19790928
EP 9776	B1	19820728		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AT 1382	E	19820815	AT 1979-103682	19790928
CA 1136638	A1	19821130	CA 1979-336668	19790928
JP 55051059	A2	19800414	JP 1979-128113	19791005
PRIORITY APPLN. INFO.:			DE 1978-2843870	A 19781007
			EP 1979-103682	A 19790928

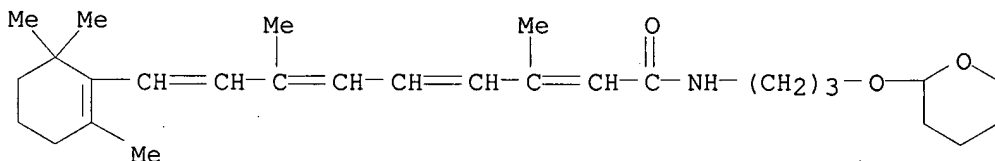
IT 75744-52-4P 75744-54-6P 75766-78-8P

75766-80-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and detetrahydropyranylation of)

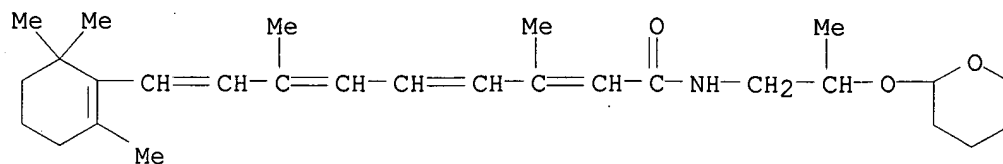
RN 75744-52-4 CAPLUS

CN Retinamide, N-[3-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]- (9CI) (CA INDEX NAME)



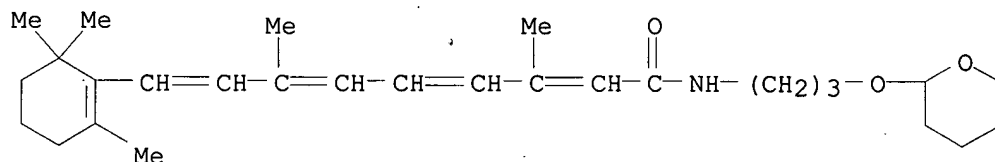
RN 75744-54-6 CAPLUS

CN Retinamide, N-[2-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]- (9CI) (CA INDEX NAME)



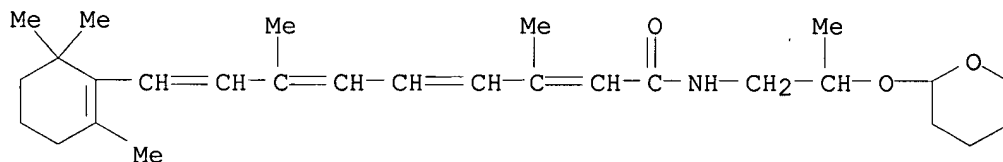
RN 75766-78-8 CAPLUS

CN Retinamide, N-[3-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]-, 13-cis- (9CI)
(CA INDEX NAME)



RN 75766-80-2 CAPLUS

CN Retinamide, N-[2-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]-, 13-cis- (9CI)
(CA INDEX NAME)



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L3 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1981:30961 CAPLUS

DOCUMENT NUMBER: 94:30961

TITLE: N-hydroxypropylamides of all-E- and 13Z-retinoic acids

INVENTOR(S): Paust, Joachim; Nuerrenbach, Axel; Koenig, Horst

PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.

SOURCE: Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

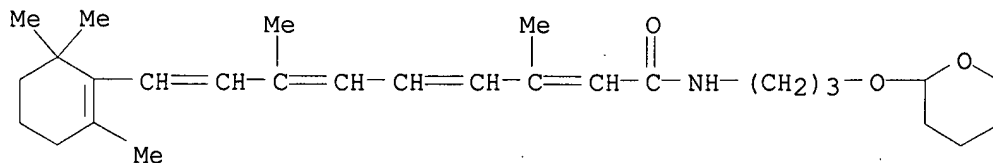
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EP 9776	A1	19800416	EP 1979-103682	19790928
EP 9776	B1	19820728		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
DE 2843870	A1	19800424	DE 1978-2843870	19781007
AT 1382	E	19820815	AT 1979-103682	19790928
PRIORITY APPLN. INFO.:			DE 1978-2843870	A 19781007
			EP 1979-103682	A 19790928

IT 75744-52-4P 75744-54-6P 75766-78-8P

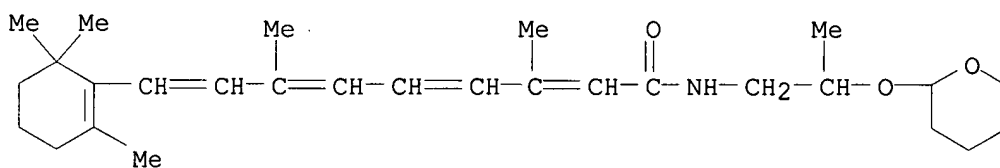
75766-80-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and detetrahydropyranylation of)

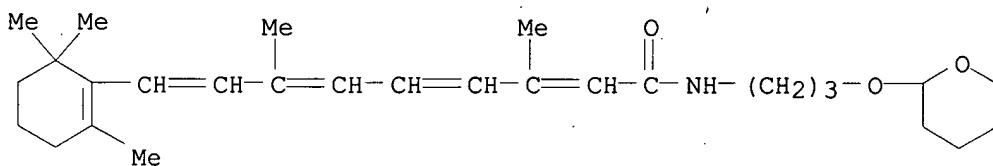
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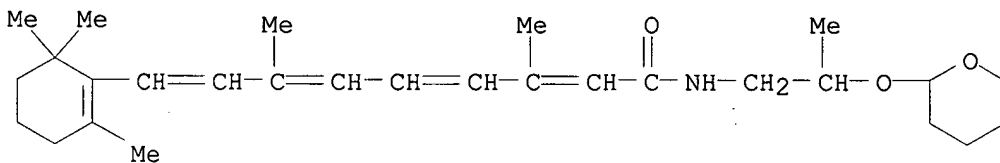
RN 75744-54-6 CAPLUS
 CN Retinamide, N-[2-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]- (9CI) (CA INDEX NAME)



RN 75766-78-8 CAPLUS
 CN Retinamide, N-[3-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]-, 13-cis- (9CI) (CA INDEX NAME)



RN 75766-80-2 CAPLUS
 CN Retinamide, N-[2-[(tetrahydro-2H-pyran-2-yl)oxy]propyl]-, 13-cis- (9CI) (CA INDEX NAME)



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